

# Converting Colors

Hex(A17646)

Have a look what the booklet for  
Hex(A17646) contains.

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**Color**

**Hex(A17646)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A17646
RGB	161, 118, 70
RGB Percent	63%, 46%, 27%
CMY	0.3686, 0.5373, 0.7255
CMYK	0.00, 0.27, 0.57, 0.37
HSL	32°, 39%, 45%
HSV	32°, 57%, 63%
XYZ	22.2819, 20.9761, 8.6688
YIQ	125.3850, 41.0360, -5.8120

# Conversions

## Conversions Part 2

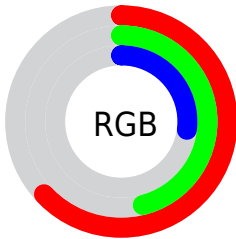
<b>Format</b>	<b>Color</b>
<b>RYB</b>	152, 161, 70
Decimal	10581574
CIELab	52.92, 11.22, 32.79
CIELCh	53, 34.660, 71.117
Yxy	20.9761, 0.4291, 0.4040
Android (android.graphics.Color)	4288771654 (0xFFA17646)
YUV	125.3850, -27.3048, 31.2344
Hunter-Lab	45.7997, 6.6920, 20.8376

# Details

The Hex color **A17646** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4671A1**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **DAAA77**, and **6A4618** is the 20% darker color. If you saturate the color by 10%, you get **A16E36**, and if you desaturate by 10%, it is **A17E56**.

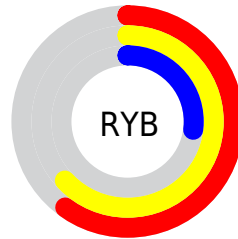
# Distribution



Red (63%)

Green (46%)

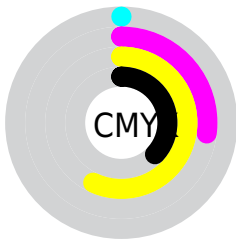
Blue (27%)



Red (60%)

Yellow (63%)

Blue (27%)

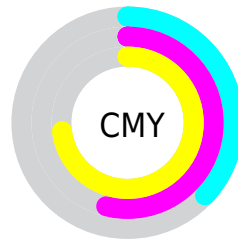


Cyan (0%)

Magenta (27%)

Yellow (57%)

Black (37%)



Cyan (37%)

Magenta (54%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A17646 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color A17646 by changing the saturation by 10% instead.





A17646



A17646

FFFFFF



855D2F



DAAA77



6A4618



F7C591



502F00



FFE1AC



371A00



FFFE08



1F0100



FFFFE4



000000



A17646



A17646



A16E36



A17E56



A16726



A18566

 A15F16

 A18D76

 A15806

 A19486

 A15500

 A19C97

 A1A4A7

 A1ABB7

 A1B3C7

 A1BAD7

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B36C59



A17646



868043

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



A17646



008E89



9072AB

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



A17646



4671A1

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



637EB9



A17646



008CA5

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



A17646



3E8D6A



2387B6



AC6992

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



A17646



71864A



2387B6



8376B1



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



A17646



D1C0AE



A14672



695F54



E8E8E8



696969



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



A17646



D18E43



9FA146



524E49



914D00



120900



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4671A1



4386D1



4846A1



494D52



004591



000812



# Previews

## White Background



This preview shows how the Hex color A17646 looks on a white background.

## Color Contrast Check

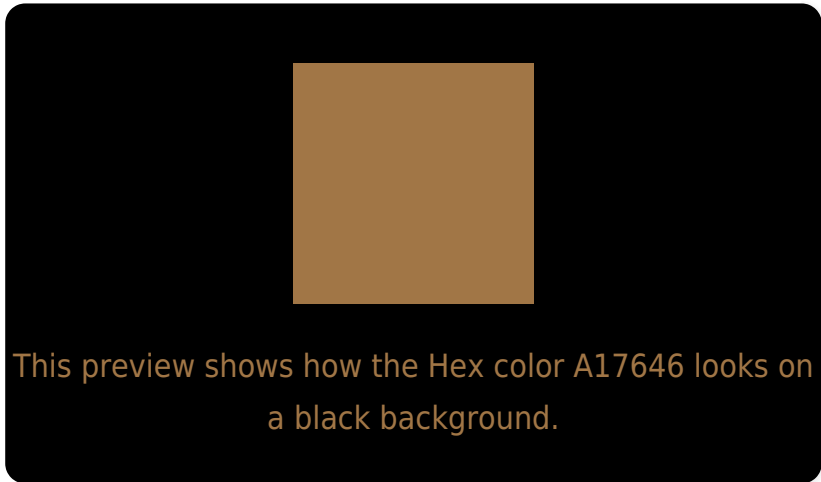
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A17646 Background



This preview shows how black text looks on a background with the Hex color A17646.



This preview shows how white text looks on a background with the Hex color A17646.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
A17646

**Protanopia**  
8B7F49

**Deuteranopia**  
9B7945



**Tritanopia**  
A57078

# Trichromacy



**Original Color**  
A17646

**Protanomaly**  
937C48

**Deuteranomaly**  
9D7845

**Tritanomaly**  
A47266

# Monochromacy



**Original Color**  
A17646

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
8A7A69

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A17646 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #A17646 looks like.

```
.text, #text, p{  
    color:#A17646  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #A17646 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A17646
}
```

## Border

The CSS property to change the border of an element to Hex A17646 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A17646 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#A17646 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #A17646 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A17646; -webkit-box-shadow:4px 4px  
4px 4px #A17646; box-shadow:4px 4px 4px  
4px #A17646 }
```

# Background

The CSS property to change the background color of an element to Hex A17646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A17646 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#A17646 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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